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EXHIBIT M3

WATER QUALITY MANAGEMENT PERMIT  
FOR THE EAST GOSHEN MUNICIPAL AUTHORITY  
WASTEWATER TREATMENT PLANT

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ELMA0707/02

Pennsylvania Department of Environmental Protection

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2 East Main Street  
Norristown, PA 19401  
August 5, 2008

Southeast Regional Office

Phone: 484-250-5970  
Fax: 484-250-5971

Mr. Louis F. Smith, Manager  
East Goshen Township  
1580 Paoli Pike  
West Chester, PA 19380

Re: Ridley Creek STP Upgrades  
Sewerage 1502404  
File Type: Permit  
East Goshen Township  
Chester County

Dear Mr. Smith:

Your permit is enclosed.

You must comply with all Standard and Special Conditions attached to this permit. Construction must be done in accordance with the permit application and all supporting documentation. Please review the permit conditions and the supporting documentation submitted with your application before starting construction.

Enclosed is the "Sewage and Industrial Wastewater Facilities Construction Certification" form. A Pennsylvania-registered Professional Engineer must sign and complete this form prior to startup of the facilities (see Special Conditions). You or your authorized representative must also sign the form. This certification and other post-construction documentation must be submitted to the Department within 30 days following startup of the facilities.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.



20 0300AMAB  
Mr. Louis F. Smith, Manager

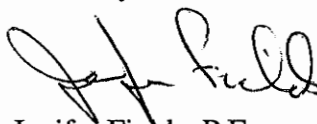
- 2 -

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717-787-3483) FOR MORE INFORMATION.

If you have any questions, please call Mr. David Talley at 484-250-5181.

Sincerely,



Jenifer Fields, P.E.  
Regional Manager  
Water Management

Enclosures

cc: Mr. Andrews – Pennoni Association  
Operations Section  
Mr. Sheckler  
Re (GJE08WQ)196-10A



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

**WATER QUALITY MANAGEMENT  
PERMIT**

PERMIT NO. 1502404

AMENDMENT NO. \_\_\_\_\_

APS ID 638484AUTH ID 714199

|   |   |  |   |
|---|---|--|---|
| <p>A. PERMITTEE (Name and Address): CLIENT ID#: <b>62683</b><br/> <b>East Goshen Township Municipal Authority</b><br/> <b>1580 Paoli Pike</b><br/> <b>West Chester, PA 19380</b></p>  | <p>B. PRIMARY FACILITY (Name):<br/> <b>Ridley Creek STP Upgrade</b></p>   |  |   |
| <p>C. LOCATION (Municipality, County):<br/> <b>East Goshen Township</b><br/> <b>Chester County</b></p>  | <p>SITE ID#:<br/> <b>256818</b></p>   |  |   |
| <p>D. This permit approves the modification of sewerage facilities consisting of:</p> <ul style="list-style-type: none"> <li>-The following upgrades to the facility to increase capacity to 0.750 mgd:               <table style="width: 100%;"> <tr> <td style="width: 50%;"> <ul style="list-style-type: none"> <li>- New influent grinder with fine screen</li> <li>- New influent lift station</li> <li>- New 4 tank SBR systems</li> <li>- New rotary disc filters</li> <li>- Conversion of existing aeration tanks to aerobic sludge digesters</li> </ul> </td> <td style="width: 50%;"> <ul style="list-style-type: none"> <li>- New UV disinfection system</li> <li>- Conversion of existing clarifiers to Post EQ</li> <li>- New SBR equipment building</li> <li>- New centrifuge to replace belt filter press</li> </ul> </td> </tr> </table> </li> </ul>   |   | <ul style="list-style-type: none"> <li>- New influent grinder with fine screen</li> <li>- New influent lift station</li> <li>- New 4 tank SBR systems</li> <li>- New rotary disc filters</li> <li>- Conversion of existing aeration tanks to aerobic sludge digesters</li> </ul> | <ul style="list-style-type: none"> <li>- New UV disinfection system</li> <li>- Conversion of existing clarifiers to Post EQ</li> <li>- New SBR equipment building</li> <li>- New centrifuge to replace belt filter press</li> </ul> |
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| <p>Pump Stations: _____<br/>         Design Capacity: _____ GPM<br/>         Average Annual Flow: _____ GPD</p>   | <p>Manure Storage:<br/>         Volume _____ MG<br/>         Freeboard: _____ inches</p>  | <p>Industrial Wastewater/Sewage Treatment Facility:<br/>         Annual Average Flow: <u>0.750</u> MGD<br/>         Design Hydraulic Capacity: <u>0.750</u> MGD<br/>         Design Organic Capacity: <u>2,098</u> lb/day</p>  |   |
| <p>E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:</p> <p>1. <b>New Permits:</b> All construction, operations, and procedures shall be in accordance with the Water Quality Management Permit application dated <u>02/05/08</u>, its supporting documentation, and addendums dated <u>05/30/08</u>, which are hereby made a part of this permit.</p> <p><b>Amendments:</b> All construction, operations, and procedures shall be in accordance with the Water Quality Management Permit Amendment application dated _____ and its supporting documentation, and addendums dated _____, which are hereby made a part of this amendment.</p> <p>Except for any herein approved modifications, all terms, conditions, supporting documentation and addendums approved under Water Quality Management Permit No. _____ dated _____ shall remain in effect.</p> <p><b>Transfers:</b> Water Quality Management Permit No. _____ dated _____ and conditions, supporting documentation and addendums are also made part of this transfer.</p> <p>2. <b>Permit Conditions Relating to sewerage</b> are attached and made part of this permit.</p> <p>3. Special Conditions numbered _____ are attached and made part of this permit.</p> |   |  |   |
| <p>F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:</p> <p>1. If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.</p> <p>2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.</p> <p>3. This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, <u>as amended</u> 35 P.S. §691.1 <i>et seq.</i> Issuance of this permit shall not relieve the permittee of any responsibility under any other law.</p>   |   |  |   |
| <p>PERMIT ISSUED:<br/> <br/> <b>August 5, 2008</b></p>  | <p>BY: <br/>         TITLE: <u>Water Management Program Manager</u></p>   |  |   |





# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOUTHEAST REGIONAL OFFICE

RECEIVED  
BY: \_\_\_\_\_

FEB 23 2012

February 21, 2012

RECEIVED  
BY: \_\_\_\_\_

FEB 23 2012

Mr. Louis F. Smith, Jr.  
Township Manager  
East Goshen Municipal Authority  
1580 Paoli Pike  
West Chester, PA 19380

Re: Ridley Creek STP  
Applebrook Golf Course  
Sewage Renewal Application No. 1500410 A1  
File Type: WQM Permit  
East Goshen Township  
Chester County

Dear Mr. Smith:

Your permit is enclosed.

You must comply with all Standard and Special Conditions attached to this permit.

We would like to bring your attention to the Department's new electronic Discharge Monitoring Report (eDMR) program. The program can be accessed through the Internet at [www.dep.state.pa.us/edmr](http://www.dep.state.pa.us/edmr) and can be used in lieu of paper DMR submissions. Please find enclosed additional information concerning eDMR. We highly encourage your participation in this program.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

Mr. Louis F. Smith, Jr.

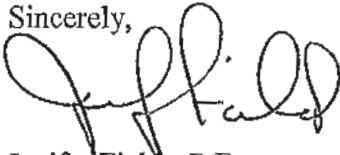
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If you have any questions, please call Ms. Karen McDaniel at 484.250.5126.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jenifer Fields', written over the word 'Sincerely,'.

Jenifer Fields, P.E.  
Regional Manager  
Water Management

Enclosures

cc: East Goshen Township  
Chester County Health Department  
Mr. Semanchik - Pennoni Associates, Inc.  
Ms. McDaniel, PADEP - SERO  
Operations Section  
Ms. Lashley  
Re 30 (johl1wqm)363-3



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

**WATER QUALITY MANAGEMENT  
PERMIT**

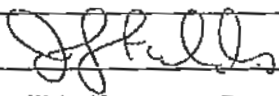
PERMIT NO. 1500410

AMENDMENT NO. 1

Renewal

APS ID 752003

AUTH ID 883096

|   |  |   |   |   |
|---|--|---|---|---|
| A. PERMITTEE (Name and Address):<br><b>East Goshen Municipal Authority</b><br><b>1580 Paoli Pike</b><br><b>West Chester, PA 19380</b>   |  | CLIENT ID#: <b>62683</b>  | B. PRIMARY FACILITY (Name):<br><b>Ridley Creek STP - (Applebrook Golf Course</b><br><b>Spray Irrigation System)</b>                               |   |
| C. LOCATION (Municipality, County):<br><b>East Goshen Township</b><br><b>Chester County</b>   |  | SITE ID#:<br><b>256818</b>  |   |   |
| D. This permit approves the renewal of sewerage facilities consisting of: <b>135,000 gpd of diverted, treated effluent from Ridley Creek Sewage Treatment Plant to a 5-million-gallon lagoon (pond) on the golf course. The treated effluent is disposed of by spray irrigation onto 60 acres of the golf course.</b>   |  |   |   |   |
| Pump Stations: _____<br>Design Capacity: _____ GPM<br>Average Annual Flow: _____ GPD  |  | Manure Storage:<br><br>Volume _____ MG<br>Freeboard: _____ inches |   | Industrial Wastewater/Sewage Treatment Facility:<br><br>Annual Average Flow: <u>0.135</u> MGD<br>Design Hydraulic Capacity: <u>0.135</u> MGD<br>Design Organic Capacity: _____ lb/day |
| E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:   |  |   |   |   |
| 1. <b>New Permits:</b> All construction, operations, and procedures shall be in accordance with the Water Quality Management Permit application dated _____, its supporting documentation, and addendums dated _____, which are hereby made a part of this permit.<br><br><b>Amendments:</b> All construction, operations, and procedures shall be in accordance with the Water Quality Management Permit Amendment application dated _____ and its supporting documentation, and addendums dated _____, which are hereby made a part of this amendment.<br><br>Except for any herein approved modifications, all terms, conditions, supporting documentation and addendums approved under Water Quality Management Permit No. _____ dated _____ shall remain in effect.<br><br><b>Transfers:</b> Water Quality Management Permit No. _____ dated _____ and conditions, supporting documentation and addendums are also made part of this transfer. |  |   |   |   |
| 2. <b>Permit Conditions Relating to Sewerage</b> are attached and made part of this permit.   |  |   |   |   |
| 3. Special Conditions numbered <u>I-XVIII</u> are attached and made part of this permit.  |  |   |   |   |
| F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:   |  |   |   |   |
| 1. If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.  |  |   |   |   |
| 2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.   |  |   |   |   |
| 3. This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 et seq. Issuance of this permit shall not relieve the permittee of any responsibility under any other law.  |  |   |   |   |
| PERMIT ISSUED:<br><br><b>February 21, 2012</b>  |  |   | BY: <u></u><br>TITLE: <u>Water Management Program Manager</u> |   |



**Sewerage Permit No. 1500410  
East Goshen Municipal Authority  
East Goshen Township, Chester County**

**This permit is subject to the following Special Condition(s):**

**I. Groundwater Monitoring Requirements**

The permittee shall effectively monitor the quality of the groundwater. The parameters to be tested and frequency of analysis and other monitoring requirements shall be as follows:

- Quarterly analysis of groundwater sampled at groundwater monitoring wells MW-1, MW-2, and MW-3 shall consist of: static water level, sampling depth, turbidity, pH, chloride, total phosphates, ammonia nitrogen, nitrate nitrogen, nitrite nitrogen, total dissolved solids, fecal coliform, and alkalinity.
- All groundwater monitoring wells shall be properly purged prior to collection of the groundwater sample.
- All groundwater samples shall be collected from within the top five feet of the water elevation within the well column.

**II. Groundwater Monitoring Data Reporting Requirements**

All groundwater data shall be submitted to the Department of Environmental Protection (Department) **annually** and be in **report form**. The report shall be due to the Department within 28 days of the end of your annual permit cycle. For example, if your permit was issued on March 4, 2008, then your Annual Report is due by April 28, 2009. The Annual Report shall be mailed under separate cover and addressed to:

Department of Environmental Protection  
Southeast Regional Office  
Water Management Program  
2 East Main Street  
Norristown, PA 19401

Attention: Hydrogeologist  
Planning Section

The annual groundwater monitoring report shall include the following information:

1. General Information
  - A. Facility name
  - B. Facility permit number
  - C. Facility location (including municipality and county)

D. Facility contact information:

- Permittee name, address, and telephone number
- Contact name and title
- Facility operator name, address, and telephone number
- Facility consultant name, address, and telephone number

2. Site Information

- A. Brief narrative, including site limitations.
- B. Soil type and bedrock lithology beneath the absorption areas.
- C. Site drawings showing general location of absorption fields and monitoring wells. Drawings must show site topography.

3. Construction details of each groundwater monitoring well shall include:

- A. Well depth.
- B. Casing depth.
- C. Static water levels.
- D. Surface elevation.
- E. Well log.
- F. Water bearing zones.
- G. Top of casing elevation.
- H. Ground surface elevation.

4. Site History

- A. Date site 537 approval issued.
- B. Date site permit issued.
- C. Date groundwater monitoring began.
- D. Date treatment plant started operation.
- E. Date land application of treated wastewater started.
- F. Date of any additional permit actions and description of actions (e.g., waiver of special conditions or anything else which may impact content within this permit). Include copy of any correspondence in correspondence section.
- G. Date and description of any enforcement action.
- H. Date and description of any facility event which impacted any part of the facility, including the groundwater monitoring wells, whether or not it resulted in an enforcement action (e.g., irrigation pump failure, collapse of groundwater monitoring well, etc.).

5. Site Data

- A. Average effluent flow for the year covered by the report.
- B. In tabular form, the following information needs to be provided for at least the last 5 years of system operation:
  - i. Date of sampling.
  - ii. Groundwater elevation.
  - iii. Sampling depth.
  - iv. Identification of upgradient and downgradient wells.
  - v. The results of the analysis of the samples.
- C. Background groundwater data generated prior to system startup. **This information is absolutely needed.**

6. Correspondence

This section shall contain copies of correspondence with the Department relevant to system operations. Correspondence to be included is the following:

- A. Recent permit modifications or amendments.
- B. Any approvals related to facility operation.
- C. Enforcement actions, including NOV's.
- D. Any other correspondence pertinent to system operation.

7. Comprehensive Groundwater Evaluation (CGE)

As part of the facility's 5-year permit renewal application, the permittee shall submit a report that is a result of a comprehensive evaluation of the systems impact on groundwater. A Registered P.G. must identify any trends which may pose a threat to human health or certify that none are present. Should adverse impacts to groundwater be identified, the permittee needs to recommend actions to address the potential threat.

- III. Effective disinfection to control disease producing organisms shall be the production of an effluent which will contain a concentration not greater than 200/100 ml of Fecal Coliform organisms, as a geometric average value nor greater than 1,000/100 ml of these organisms in more than 10 percent of the samples tested.
- IV. If there is a change in ownership of this facility or in permittee name, an application for transfer of permit must be submitted to the Department.
- V. Copies of monthly Discharge Monitoring Reports must be submitted within 28 days of the end of the monitoring period to:

Department of Environmental Protection  
Southeast Regional Office  
Water Management  
2 East Main Street  
Norristown, PA 19401

- VI. The water level, within the impoundments, shall be controlled so that a freeboard of at least 24 inches is maintained at all times.
- VII. Spray irrigation shall not occur on frozen soil or during prolonged or heavy rainfall events. Effluent may not be applied if more than 0.5 inches of rainfalls during the previous 24-hour period.
- VIII. If the effluent from the, herein approved, sewage treatment facilities creates a health hazard or nuisance, the permittee shall, upon notice from the Department, provide such additional treatment as may be required by the Department.

IV. **Discharge Limitations and Monitoring Requirements**

Effluent from the sewage treatment plant shall be sampled from the effluent port at the pump station and shall be limited at all times as follows:

| Parameter         | Discharge Limitations (mg/l)                            |                |                       | Monitoring Requirements |                  |
|-------------------|---|----------------|-----------------------|-------------------------|------------------|
|                   | Average Monthly   | Average Weekly | Instantaneous Maximum | Measurement Frequency   | Sample Type      |
| Flow (mgd)        | 0.135   |                |                       | Continuous              | Recorded         |
| CBOD <sub>5</sub> | 25  | 40             | 50                    | 1/Month                 | 8 Hour Composite |
| Suspended Solids  | 30  | 45             | 60                    | 1/Month                 | 8 Hour Composite |
| Fecal Coliform    | 200/100 ml as geometric average                         |                |                       | 1/Month                 | Grab             |
| pH                | Within limits of 6.0 to 9.0 standard units at all times |                |                       | 1/Month                 | Grab             |

\*Total Nitrogen = Total Kjeldahl Nitrogen + Nitrite (NO<sub>2</sub>) + Nitrate (NO<sub>3</sub>)

Additional treatment requirements include the satisfactory disposal of sludge and the reduction of quantities of oils, greases, acids, alkalis, toxic, taste, and odor producing substances, inimical to the public interest to levels which will not pollute the receiving waters. Monitoring results shall be reported monthly on the Discharge Monitoring Report (DMR). The term "composite" sample means a combination of individual samples collected at regular intervals over a time period. The term "grab" sample means an individual sample collected in less than 15 minutes. Samples and measurements taken as required, herein, shall be representative of the volume and nature of the monitored discharge.

- X. The authorization to discharge contained in Section C of this permit shall expire in 5 years from the date of issuance, or reissuance. Application for renewal of this permit, or notification of intent to cease discharging by the expiration date, must be submitted to the Department at least 180 days prior to the above expiration date (unless permission has been granted by the Department for submission at a later date). In the event that a timely and complete application for renewal has been submitted and the Department is unable, through no fault of the permittee, to reissue the permit before the above expiration date, the terms and conditions of this permit will be automatically continued and will remain fully effective and enforceable pending the grant or denial of the application for permit renewal. The application for renewal shall be submitted on the appropriate Water Quality Management Part II Application forms and shall include a tabulated summary of all groundwater monitoring data for the previous 5 years, including a discussion of groundwater quality trends resulting from this discharge.
- XI. Unless, otherwise, specified in this permit, the test procedures for analysis of pollutants shall be those contained in 40 C.F.R. Part 136, or alternative test procedures approved pursuant to that Part. For the analysis of CBOD<sub>5</sub>, consult Section 507 of Standard Methods.
- XII. Application of effluent shall be managed to prevent runoff of effluent from the permitted sprayfield and ponding of effluent in the spray area.

**XIII. Sprayfield Hydraulic Loading Requirements**

The recorded effluent flow to the Applebrook Golf Course must be consistent with the maximum hydraulic loading rates per week shown in the following table (the maximum hydraulic rates per week cannot be exceeded):

| Month     | Number of Spray Days | Application Rate Inches/Acre/Week | Maximum Hydraulic – Loading in Gallons per Week on 60 Acres of Wetted Golf Course Area |
|-----------|----------------------|-----------------------------------|--|
| January   | 0                    |                                   |  |
| February  | 0                    |                                   |  |
| March     | 0                    |                                   |  |
| April     | 27                   | 0.6                               | 945,000  |
| May       | 31                   | 0.6                               | 945,000  |
| June      | 30                   | 0.6                               | 945,000  |
| July      | 31                   | 0.6                               | 945,000  |
| August    | 31                   | 0.6                               | 945,000  |
| September | 30                   | 0.6                               | 945,000  |
| October   | 31                   | 0.6                               | 945,000  |
| November  | 0                    |                                   |  |
| December  | 0                    |                                   |  |

At no time shall the application rate exceed 0.199-inch per hour for any spray area. The wastewater application shall be determined by the golf course manager based on turf conditions and best golf course management practices.

During drought emergency, the treated wastewater from the Ridley Creek sewage treatment plant for spray application shall be pumped directly to the wet well serving the spray pumps. The wastewater may be sprayed on greens, trees, fairways, and rough areas of the golf course.

- XIV. If the permittee monitors any pollutant more frequently than the permit requires, the results of this monitoring shall be incorporated, as appropriate, into the calculations used to report self-monitoring data on the DMR.

XV. **Recording of Results**

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

1. The exact place, date, and time of sampling or measurement.
2. The person(s) who performed the sampling or measurement.
3. The dates the analyses were performed.
4. The person(s) who performed the analyses.
5. The analytical techniques or methods used.
6. The results of such analyses.

XVI. **Recordkeeping and Retention**

The permittee shall keep records of operation and efficiency of the wastewater treatment facilities. All records of monitoring activities and results (including all original strip chart recordings for continuous monitoring instrumentation and calibration and maintenance records), copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained by the permittee for three (3) years. The three-year period shall be extended as requested by the Department.

- XVII. Consistent with Department policy, the Department did not conduct a detailed technical review of the application for this permit. The Department considers the registered professional engineer whose seal is affixed to the design documents, to be fully responsible for the adequacy of all aspects of the facility design.

XVIII. **Laboratory Certification**

The Environmental Laboratory Accreditation Act of 2002 requires that all environmental laboratories register with the Department. An environmental laboratory is any facility engaged in the testing or analysis of environmental samples required by a statute administered by the Department relating to the protection of the environment or of public health, safety, and welfare.



**pennsylvania**

DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

PRIMARY FACILITY: Ridley Creek STP  
Applebrook Golf Course - Site id. 256818

CLIENT: East Goshen Municipal Authority Client Id. 62683

ADDRESS: 1580 Paoli Pike

WEST CHESTER, PA 19380

MUNICIPALITY: East Goshen Township

COUNTY: Chester County

1500410-A1

Renewal

PERMIT NUMBER

Effluent Port @ Ridley  
Creek STP

DISCHARGE

MONITORING PERIOD

YEAR MO DAY TO

YEAR MO DAY

PERMIT EXPIRES:

02-28-2017

PERMIT APPLICATION DUE: 09-01-2016

☐ Check here if No Discharge

NOTE: Read instructions before completing this form

| PARAMETER                 |                       | QUANTITY OR LOADING |                   |       | QUALITY OR CONCENTRATION |                       |                   |                | NO.<br>EX | FREQUENCY<br>OF<br>ANALYSIS | SAMPLE<br>TYPE |
|---------------------------|-----------------------|---------------------|-------------------|-------|--------------------------|-----------------------|-------------------|----------------|-----------|-----------------------------|----------------|
|                           |                       | MONTHLY<br>AVERAGE  | WEEKLY<br>AVERAGE | UNITS | INST.<br>MINIMUM         | MONTHLY<br>AVERAGE    | AVERAGE<br>WEEKLY | UNITS          |           |                             |                |
| FLOW                      | Sample<br>Measurement |                     |                   | MGD   | XXXX                     | XXXX                  | XXXX              | XXXX           |           |                             |                |
|                           | Permit<br>Requirement | .135                | XXXX              |       | XXXX                     | XXXX                  | XXXX              |                |           | CONTINUOUS                  | METER          |
| PH                        | Sample<br>Measurement | XXXX                | XXXX              |       |                          | XXXX                  |                   | STD<br>INITS   |           |                             |                |
|                           | Permit<br>Requirement |                     |                   |       | 6.0                      |                       | 9.0 INST MAX      |                |           | 1/MONTH                     | GRAB           |
| CBOD                      | Sample<br>Measurement | XXXX                | XXXX              |       | XXXX                     |                       | XXXX              | MG/L           |           |                             |                |
|                           | Permit<br>Requirement | XXXX                | XXXX              |       | XXXX                     | 25                    | 40                |                |           | 1/MONTH                     | 8HC            |
| TOTAL SUSPENDED<br>SOLIDS | Sample<br>Measurement | XXXX                | XXXX              |       | XXXX                     |                       |                   | MG/L           |           |                             |                |
|                           | Permit<br>Requirement | XXXX                | XXXX              |       | XXXX                     | 30                    | 45                |                |           | 1/MONTH                     | 8HC            |
| FECAL COLIFORM            | Sample<br>Measurement | XXXX                | XXXX              |       | XXXX                     |                       | XXXX              | #COL/<br>100ML |           |                             |                |
|                           | Permit<br>Requirement | XXXX                | XXXX              |       | XXXX                     | 200 GEOMETRIC<br>MEAN | XXXX              |                |           | 1/MONTH                     | GRAB           |
|                           | Sample<br>Measurement |                     |                   |       |                          |                       |                   |                |           |                             |                |
|                           | Permit<br>Requirement |                     |                   |       |                          |                       |                   |                |           |                             |                |
|                           | Sample<br>Measurement |                     |                   |       |                          |                       |                   |                |           |                             |                |
|                           | Permit<br>Requirement |                     |                   |       |                          |                       |                   |                |           |                             |                |

NAME/TITLE PRINCIPAL EXECUTIVE  
OFFICER

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa.C.S.A. § 4904 (relating to unsworn falsification).

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OFFICER OR AUTHORIZED AGENT

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